

# 2011 Military Health System Conference

## Medical Response to Haiti Earthquake

## Operation Unified Response

*The Quadruple Aim: Working Together, Achieving Success*

CAPT Michele Hancock, Deputy SG, US Southern Command

24 January 2011





# ***Agenda***

## Operation UNIFIED RESPONSE

- Background Info
- Mission
- Phases of Support
- Deployment Timeline
- Medical Missions
- International Response
- Lessons Learned





# ***Background Info***

## **Operation UNIFIED RESPONSE**

- **Population: 9,035,536 (approximately 2 million in and around Port-Au-Prince)**
- **NGOs on the ground for many years, ~3000 in country**  
**Unemployment rate: 65-70%**
  - **80% population living under poverty line**
  - **54% in abject poverty**
- **Military: Only small Coast Guard (no other forces)**



# ***Scope of Disaster***

## Operation UNIFIED RESPONSE

- **A Magnitude 7.0 earthquake struck Haiti at 4:53 pm, Tues, Jan 12, 2010**
  - **230,000 Deaths\***
  - **197,000 Injured**
  - **1.1M Displaced People**
  - **3,000,000 Affected People**
  - **60% of government infrastructure destroyed**





# ***Mission Overview***

## Operation UNIFIED RESPONSE

**Mission:** JTF-H conducts humanitarian assistance/ disaster relief (HA/DR) operations to support USG efforts in Haiti to mitigate near-term human suffering and accelerate relief efforts to facilitate transition to Government of Haiti, United Nations, and USAID.





# ***Phase I - Emergency Response***

Operation UNIFIED RESPONSE

- Immediate Life Saving
  - Search and Rescue
  - Care for AMCITS
  - Hospital Assessments
  - Medical CONOPS
  - RSO&I of Medical Personnel
  - Medevacs





# ***Phase II - Relief***

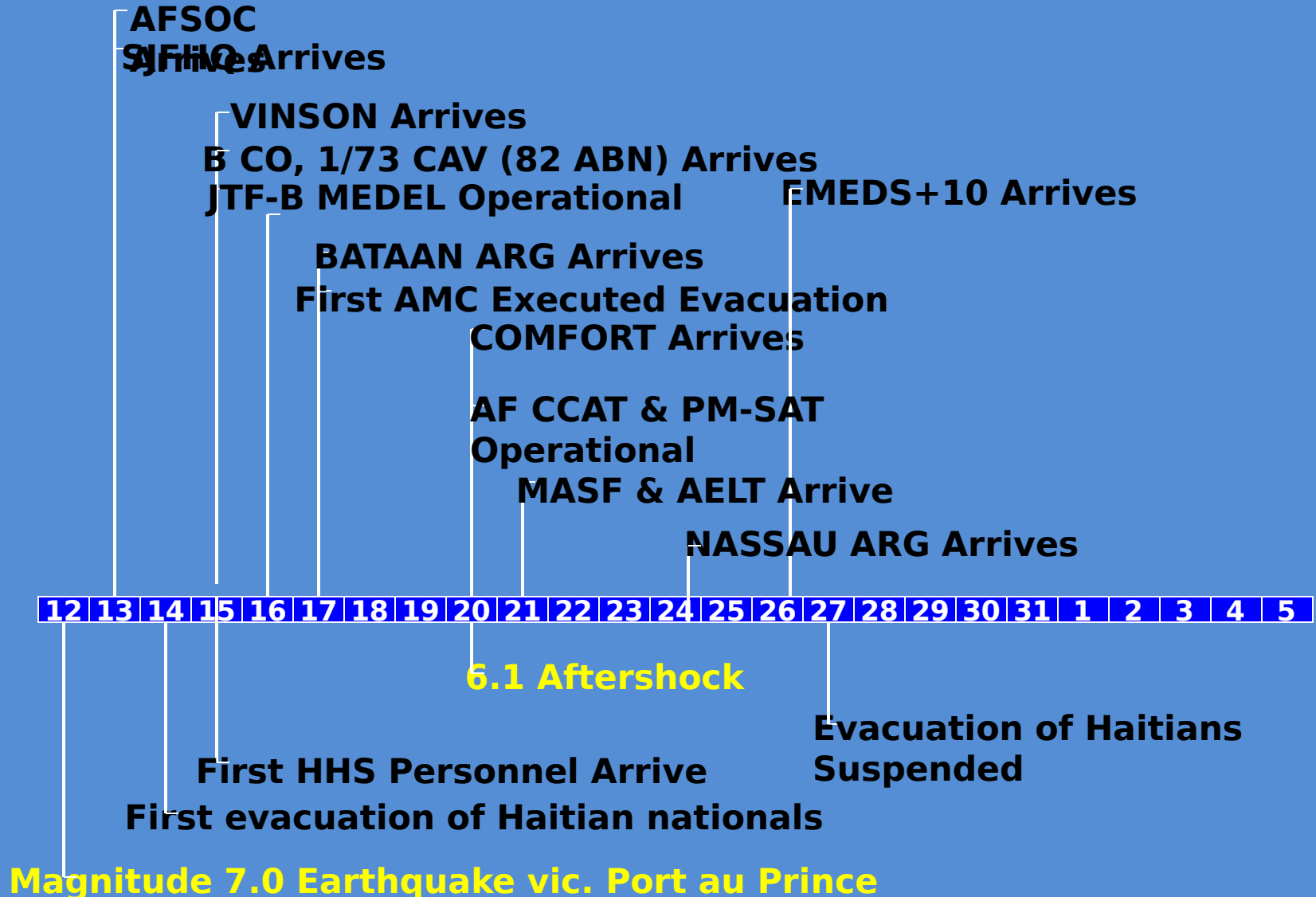
## Operation UNIFIED RESPONSE

- Mitigate Suffering and Meet Basic Needs
  - Specialized surgical care
  - Med Log and blood support
  - Patient transfers off ship
  - Medevacs
  - Troop FHP





# ***Deployment Timeline (January)***







# ***Deployment Timeline (February)***

**Decision Made NOT to Employ EMF-150  
AE Review Board Established**

**COMFORT Surg  
Augments  
Redeploy**

**USS VINSON Departs  
153<sup>rd</sup> Blood Support Det Arrives  
43<sup>rd</sup> Veterinary Det Arrives**

**56<sup>th</sup> MMB Arrives**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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**Definitive Care Components of NDMS Activated  
Evacuation of Haitians Resumes**

**Commercial Flights Resume  
From PaP**



# ***Afloat Based Medical Support***

Operation UNIFIED RESPONSE





# ***Maritime Laydown***

Operation UNIFIED RESPONSE

VINSON (CVN)  
USNS COMFORT (T-AH)  
NORMANDY (CG)  
BUNKER HILL (CG)  
HIGGINS (DDG)  
UNDERWOOD (FFG)

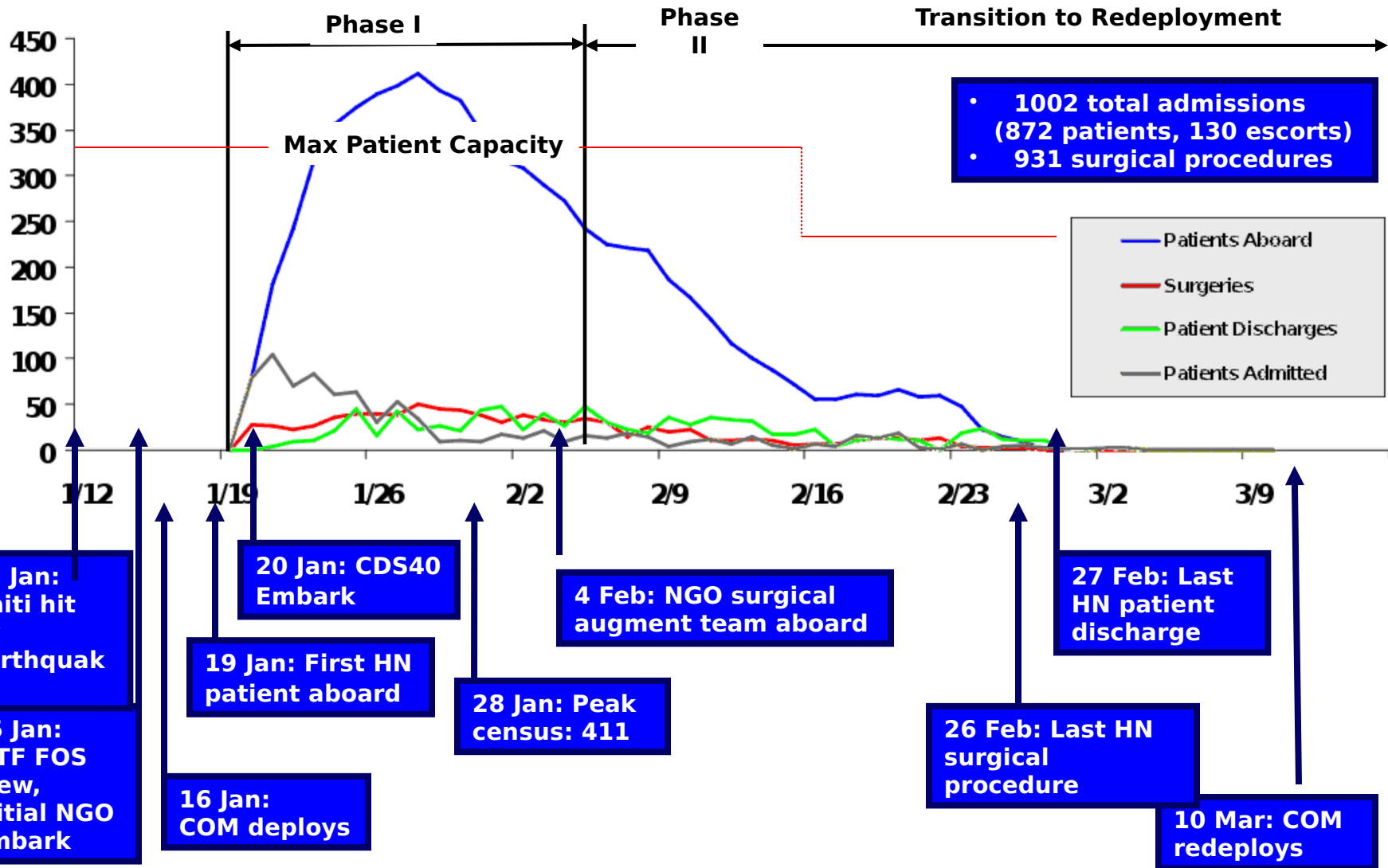
NASSAU ARG with 24 MEU:  
NASSAU (LHD)  
MESA VERDE (LPD)  
ASHLAND (LSD)

BATAAN ARG with 22 MEU:  
BATAAN (LHD)  
FORT MCHENRY (LSD)  
CARTER HALL (LSD)  
GUNSTON HALL (LSD)



# COMFORT Timeline

## Operation UNIFIED RESPONSE







# ***Land Based Medical Support***

Operation UNIFIED RESPONSE





# JTF-H MEDICAL COP

Phase I: o/a 20JAN -  
051300RFEB10

▲ - Distribution

♥ Hubs  
♥ Haitian Hosp

★ Hosp

▲ Embassy

+ LEVEL II

2-325 AIR  
YF 7984 5319  
Tailgate MED  
68Ws x 33 each

Colombian MED  
Tm  
Mexican Surg  
Tm

FST/Colombian  
Surg/Mexican  
Surg  
YF76485115

1-325 AIR  
YF 86175832  
68Ws x 34 each

FDPMU YF8298  
5750

YF 8617 5832

AO RED

MASF/SPEARR/A  
ELT/AFSOC  
SOST(-)  
YF85175605

EMEDS  
YF80565512

BLACK LV I  
Tailgate  
YF82755483  
68Ws x 17 each

YF 8275 5483

AO BLACK

DP - Old Airfield

1-73 CAV LV I  
YF84005173  
68Ws x 23 each

AO WHITE

DP - Soccer Fields

YF 8491 5185

AO GREY

DP - Country Club

DP - Stadium

LEVEL II  
YF 84575619  
68Ws x 44 each

2BSTB  
YF 89575619  
Tailgate Med  
68Ws x 10  
each

BCT HQ  
YF 8957 5451

JTF HQ  
YF89575451  
AFSOC  
SOST

Interim After Care Facility  
YF91255352





# ***EMEDS Response***

## Operation UNIFIED RESPONSE

- Served as “Gate keeper”
- 10+ beds and 1 OR
- 300 patients and 200 escorts moved
- 125 patients treated



- 12 day trips
- Assisted 3 NGO's
- 1500 patients seen
- 4 tons medical supplies



# ***Medical Logistics Support***

Operation UNIFIED RESPONSE

## **Support to PROMESS Warehouse**

- **Logistics Advisory Team**
- **Re-organized warehouse**
- **Provided inventory mgmt**
- **Teams at port to organize donations**
- **Forklift support**







# ***Patient Movement Missions***

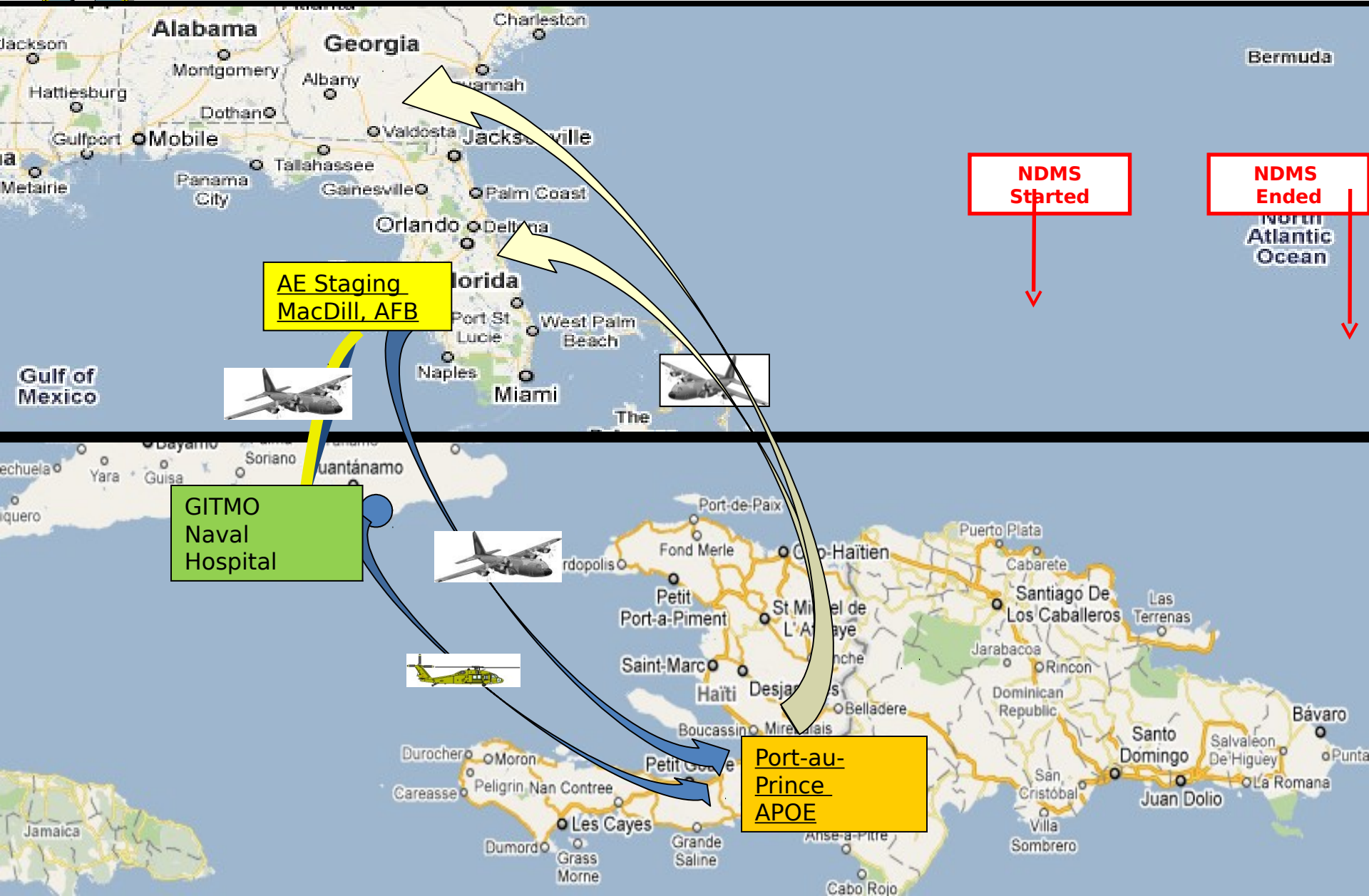
Operation UNIFIED RESPONSE

- **Ground ambulance**
- **Rotary wing medevac**
- **Small boat medevac**
- **Evac to GTMO and CONUS**





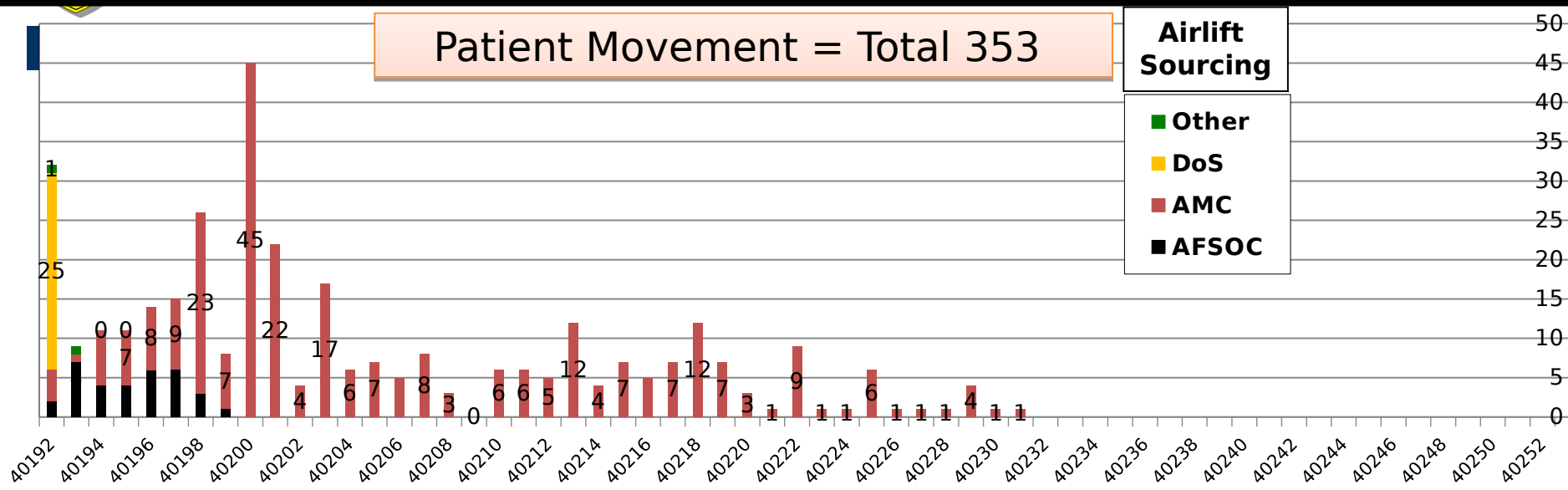
# Patient Movement - CONUS



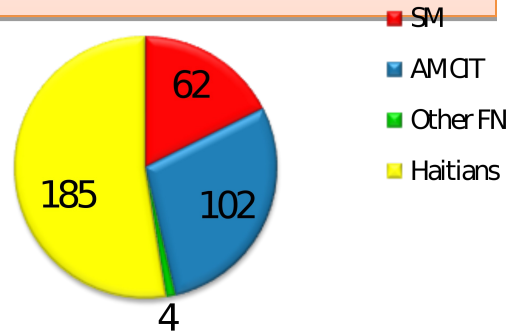




# Contingency PM Report



## Patient Movement Breakout

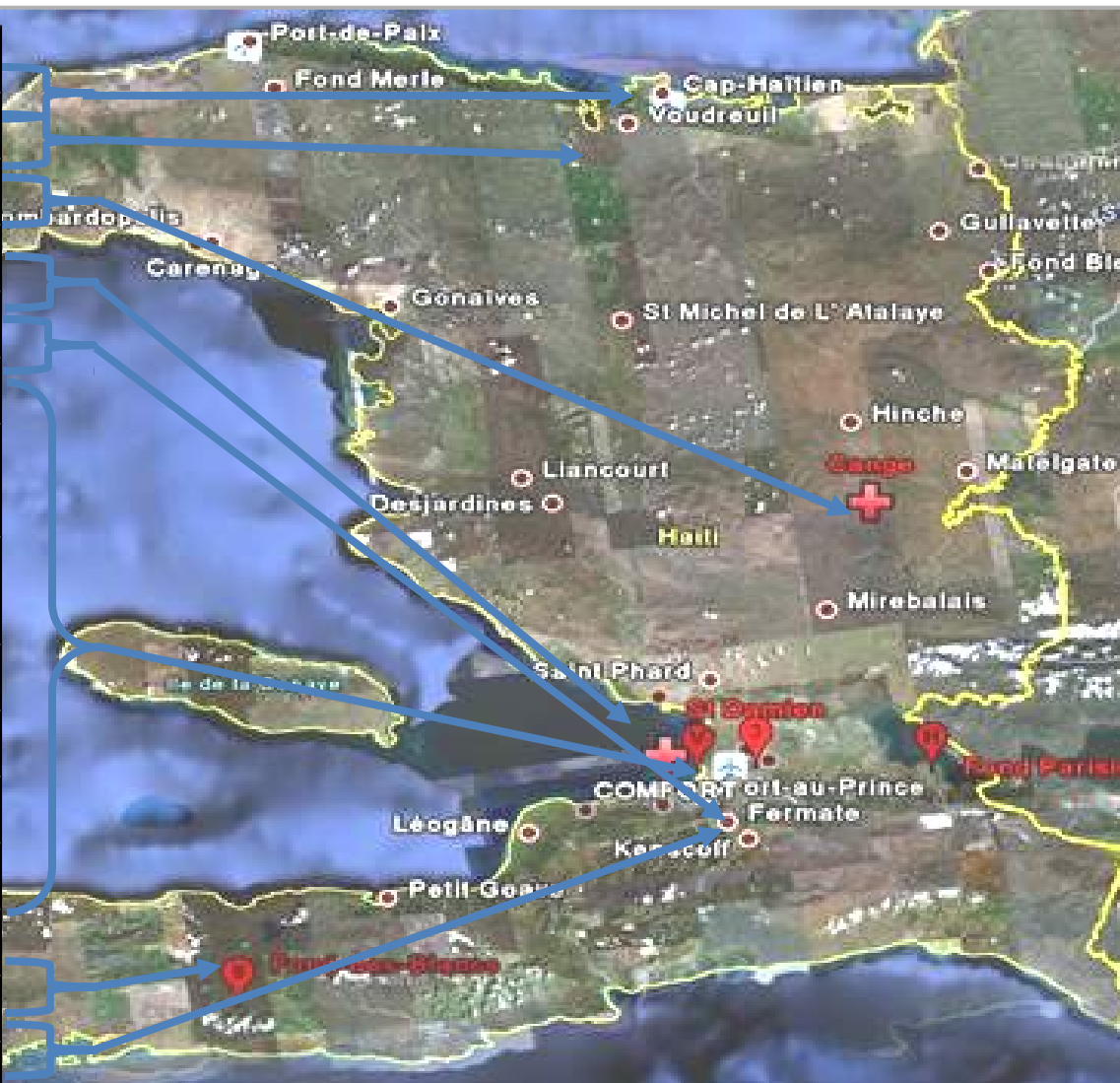


- ISSUES:**
1. Supporting DoD Haiti Patient Movement Requirements
  2. Supporting DoD Chilean Patient Movement Requirements



# Patient Outflow - within Haiti

Children of Promise**	1
Sacred Heart**	45
Partners in Health	14
Real Hope for Haiti	10
Love a Child	90
Killick	9
Terminal Varreux	360
St. Damien's Children's Hospital**	30
Heart Line	12
Angel Missions	10
Gheskio Hospital	1
PIH / Double Harvest**	4
Doctors without Borders	3
Canadian Field Hospital	3
St. Boniface**	25



**GoH / UN approved shore-based medical network provided placement of COMFORT patients for post-operative care**



# ***International Response***

## **Operation UNIFIED RESPONSE**

### ***Medical Forces Afloat***

- *SPS CASTILLA*
- *ITN CAVOUR*
- *FRS SIROCCO*
- *ARM HUASTECO*
- *ARM TARRASCO*
- *ARM PAPALOAPAN*
- *ARC BUENAVENTURA*
- *ARC CARTAGENA DE INDIAS*

### ***Medical Forces Ashore***

*Canadian Field Hospital*

*China- Medical Rescue Team*

*Chile-Portable Hospitals*

*Japan- Medical team*

*Jordan - Field Hospital*

*Israel- Field Hospital*

*Spain- Medical Team*

*Russia- Mobile Hospital*

*Brazil- Field Hospital*

*Turkey- Field Hospital*

*France- Field Hospital*

*Venezuela- Medical Team*

*Cuba- Medical Team*

*Italy- Medical Team*





# ***Final Words of Wisdom***

## Operation UNIFIED RESPONSE

- Clearly define mission of DoD medical forces
- Maintain close coordination with OFDA
- Partner with NGO's and international community
- Collaborate, don't work in a vacuum
- Develop transition criteria and decision points



# ***Unity of Effort At All Levels***

Operation UNIFIED RESPONSE

